

# Tropical Storm Alex (19W)

TS Alex (19W) was a very small tropical cyclone that formed in the northern inflow of STY Zeb (18W) when STY Zeb was an intensifying tropical storm. TS Alex (19W) existed for only 60 hrs and attained a maximum intensity of 45 kt before the cyclone became sheared in the vertical and the low level circulation was absorbed by STY Zeb (18W).

This cyclone was first detected on the Guam WSR-88D radar imagery while STY Zeb (18W) was passing north of Ulithi Island. The radar data as well as a 40 kt wind report from Rota Island resulted in the first warning, issued at 110300Z October.

TS Alex (19W) maintained westward movement north of Zeb until 120600Z October. TS Alex then turned southwestward and underwent vertical shearing. The remaining low level circulation center was absorbed by STY Zeb (18W). The final warning was issued at 122100Z October.

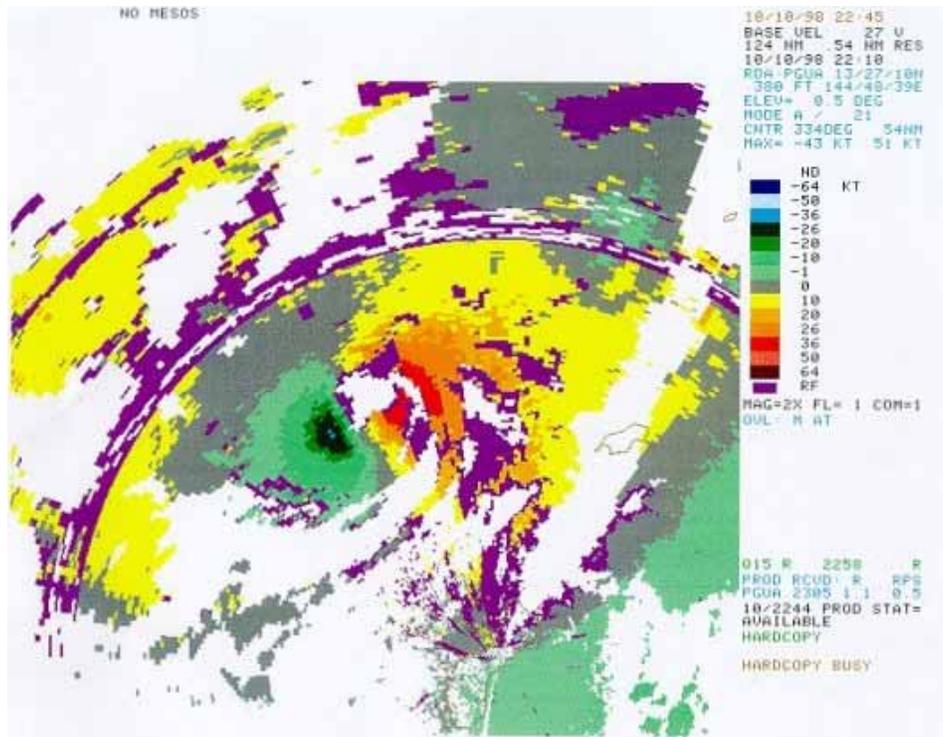


Figure 3-19-1. WSR-88D velocity profile data depicting TS Alex (19W) in a feeder band of STY Zeb (18W).

